



An Acument™ Global Technologies Company

Introducing 3/16" Diameter CreteFlex® SS4 410 Stainless Steel Masonry Fastening System

Product Features:

- 1. "Over-sized" 3/16" diameter
- 2. #3 Phillips recess in TrimFit® Flat head
- 3. Silver Stalgard® finish
- 4. Robust & aggressive thread design
- 5. Utilizes standard 5/32" masonry drill bits

Size: 3/16" diameter

With their *over-sized* 3/16" dimensions (.199" thread O.D., .152" thread root diameter and .159" unthreaded shank diameter), the 3/16" CreteFlex® SS4 fasteners offer exceptional fastener performance yet are significantly less costly compared to the #14 diameter fastener.

Thread Design:

Stout 10 threads per inch thread pitch along with a larger root diameter than conventional 3/16" diameter hi-lo® threaded masonry fastener. This enhanced cross-sectional area provides tremendous pullout and shear values. Compare the fastener performances yourself.

Drive/Head style: #3 Phillips drive TrimFit® flat head

The larger #3 Phillips drive system provides a more positive bit engagement. This minimizes "cam-out" and recess strip-out during installations. The slightly larger TrimFit® (#12) flat provides enhanced head strength.

Product Benefits

- 1. Exceptional fastener performance
- 2. Positive bit engagement
- 3. Tremendous corrosion resistance
- 4. Positive thread engagement
- 5. Readily available drill bit sizes

Finish: Silver Stalgard® Process

- 1. .0003" mechanical Zinc
- 2. Dark Chromate conversion coat
- 3. Silver topcoat via dip, spin & bake to cure multi-step process.

Ease of Installation

A 5/32" close tolerance ANSI drill bit makes installations easy. The 3/16" CreteFlex® SS4 masonry fasteners use the same 5/32" masonry drill bit used by the 3/16" Elco® Tapcon® masonry fasteners.

Material: 410 series stainless steel for exceptional corrosion resistance and long-term performance.

Head Style	Fastener Length "L"				
#3 Phillips TrimFit® head	1-1/4"	1-3/4"	2-1/4"	2-3/4"	3-1/4"
Thread length (TL)	1.0"	1.50"	1.75"	1.75"	1.75"
5/32" "Tanged" Drill Bit	3-1/2"	3-1/2"	4-1/2"	4-1/2"	5-1/2"

Strength Characteristics (inlbs.)

Pull-out in concrete – 2,732 PSI

Embedment			
1"	1-1/4"	1-1/2"	1-3/4"
651	873	1,231	1,397

Pull-out in CMU – 2,676 PSI

Embedment
1-1/4"
839

Shear Values

Embedment	Concrete 2,735 PSI	CMU 2,676 PSI
1-1/4"	X	1,425
2.0"	2,374	X

Note: These values were obtained under laboratory conditions. Appropriate safety factors should be applied to these values for design purposes.

Inspection for 3/16" CreteFlex® SS4 Masonry Fasteners

In-place inspection can be made by the special head marking on the 3/16" CreteFlex® SS4 fastener.

